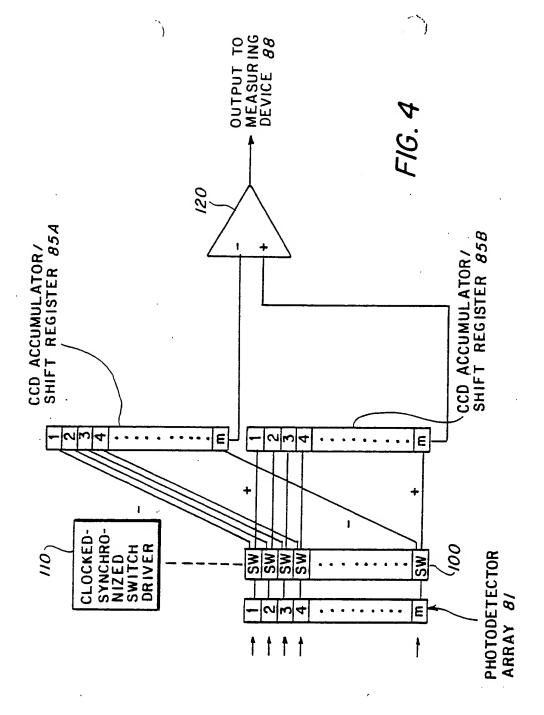


FIG. 2

		I   WIDTH OF   LIGHT BEAM	 	
• • •	y <sub>6</sub> y <sub>7</sub> y <sub>8</sub> 0		0 0 1 1 1 1 1 2 1 3	TIME
	x3 x2 x1 0	0 0 0 S <sub>x</sub> 1 0 0 0	0 0   x8   x7   x6	INTERNAL A
		SIGN READ		
• • •	0 0 1 Sy	0 0 0 0 0 1 1 1 1 2 1 3	4 95 96 97 98 0	TIME
	0 *8 *7 *6	x <sub>5</sub> x <sub>4</sub> x <sub>3</sub> x <sub>2</sub> x <sub>1</sub>	0	INTERNAL B
		FIRST CONVOLUTION TERM	 	
s <sub>y</sub>	0 0 0 0	1 1 2 3 7 3 8 1		TIME INTERNAL
• • • 1	0000	x 8 x 7 x 6 x 5 x 4 x 3 x 2 x	10000Sx	C
EIGTH CONVOLUTION TERM				· ·
• • •	y <sub>1</sub> y <sub>2</sub> y <sub>3</sub> y <sub>4</sub>	y <sub>5</sub> y <sub>6</sub> y <sub>7</sub> y <sub>8</sub> 0 0 0 0	1 Sy 0 0 · · ·	TIME INTERNAL
• • •	0 0 S <sub>x</sub> 1	0 0 0 0 ×8 ×7 ×6 ×	5 ×4 ×3 ×2 ×1 · · ·	D
		END OF CONVOLUTION		

FIG. 3



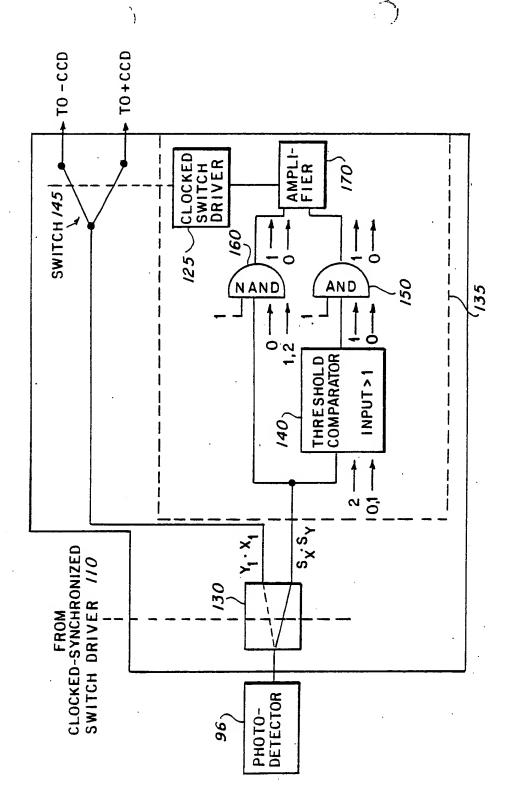
W

S<sub>x</sub> Sy

0

0 0

~



F16.5

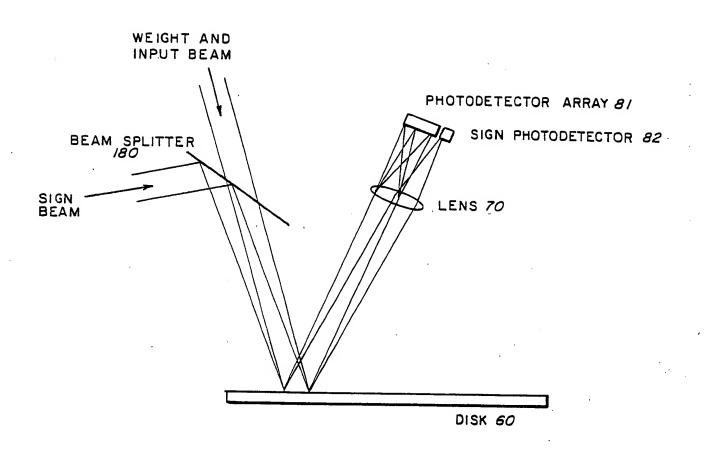


FIG. 6

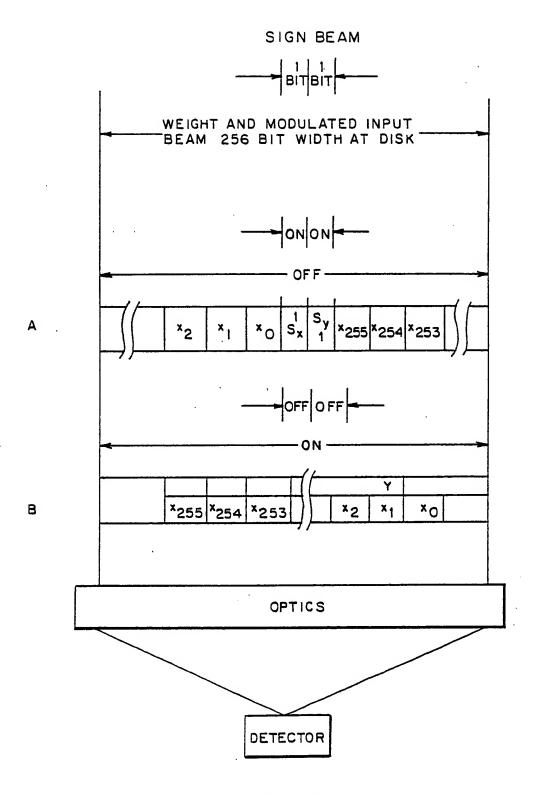
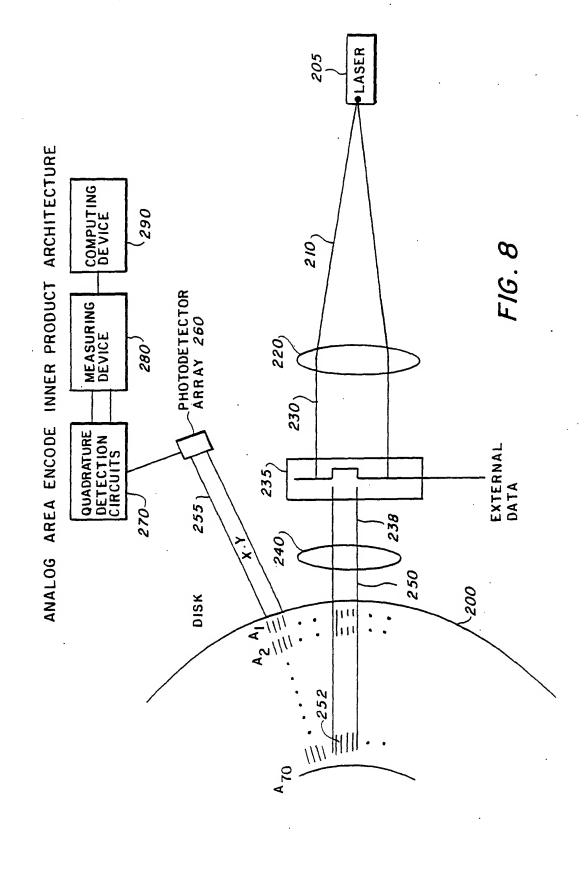
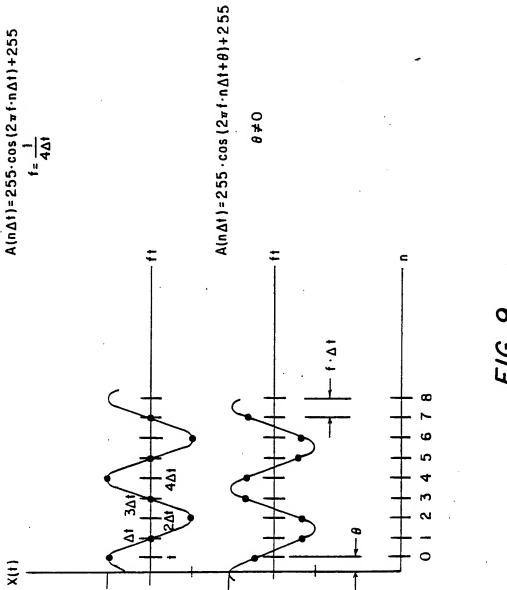


FIG. 7





512 -

0

0

(<del>p</del>

512 -

(0)

BITS

 $(\hat{x})$ 

F/6.9

